

**AMENDED CLAIMS:**

1. Method for antigen incorporation into bacterial outer membrane vesicles characterized by the formation of a complex between these antigens and outer membrane proteins from gram-negative bacteria, while maintaining intact the vesicle structure and comprising:
  - Dilution of the antigen to be incorporated in an aqueous solution containing detergents and sucrose
  - Homogenization of such a solution with the bacterial outer membrane protein preparation
  - Incubation of the homogenate for at least 4 hours, with stirring
  - Ultracentrifugation of the homogenate to recover the outer membrane vesicles containing the incorporated antigen
  - Suspending the pellet in an appropriate solution
2. The method according to claim 1, wherein the outer membrane protein preparation is obtained from gram-negative bacteria belonging to the *Neisseriaceae* family or from *Branhamella catarrhalis*
3. The method according to claim 2, wherein the outer membrane protein preparation is obtained from *Neisseria meningitidis* and *Neisseria lactamica*.
4. The method according to any of the claims 1-3, wherein said protein antigen is of natural, recombinant or synthetic origin.
5. A vaccine composition obtained according to claim 1, for its administration by parenteral or mucosal routes, comprising a complex formed by a protein antigen and a preparation of outer membrane proteins of gram-negative bacteria, being such complex generated by co-folding while maintaining intact the vesicle structure in combination with pharmaceutically acceptable excipients or carriers.
6. A vaccine composition according to claim 5, wherein the outer membrane protein preparation is obtained from gram-negative bacteria belonging to the *Neisseriaceae* family or from *Branhamella catarrhalis*.
7. A vaccine composition according to claim 6 wherein the outer membrane protein preparation is obtained from *Neisseria meningitidis* and *Neisseria lactamica*.

8. A vaccine composition according to any of the claims 5-7 wherein said protein antigen is of natural, recombinant or synthetic origin.
9. A vaccine composition according to claims 5-7, including also capsular bacterial polysaccharides.
10. A vaccine composition according to claims 5-7, including also conjugated capsular bacterial polysaccharides.
11. A vaccine composition according to claims 5-7, including also a nucleic acid as antigen
12. A vaccine composition according to claims 5-11 for its therapeutic or prophylactic use in humans.